

Peak District National Park

Forecast valid from 00:00 on Thursday 17 Jun 2021 until 23:59 on Friday 18 Jun 2021

Forecast Issued on Wednesday 16 Jun 2021 at 15:22

Confidence: High confidence for the transition to more unsettled conditions. Low for the timing and extent of precipitation.

Headline for Thursday 17 Jun 2021: A generally cloudy day with possible rain and showers in the morning. Brighter later.

Mountain weather hazards on Thursday 17 Jun 2021

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Low Likelihood

Heavy Snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Sunny intervals	Cloudy
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Thursday 17 Jun 2021

Weather: A cloudy start in the early hours of Thursday morning with a chance of a few showers or some patchy light rain. The rest of the day will continue mostly cloudy with any rain or showers clearing eastwards and during the afternoon and evening some bright or sunny spells will develop across most parts of the Park.

Chance of cloud free mountain/hill tops above 600m: 50% with broken cloud bases around 400m covering most summits, improving through the morning after dawn to become 100% by late morning.

Visibility: Moderate at first and in any rain and showers Thursday morning, and very poor for a time across summits, otherwise good or very good for much of daylight hours during Thursday.

Forecast for Thursday 17 Jun 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/12 NW	7/11 N	8/14 N	8/13 N	9/15 NW	9/15 NW	10/17 NW	9/14 NW	8/13 NW
300	5/9 NW	5/9 NW	6/10 NW	7/12 NW	7/13 NW	8/15 NW	9/16 NW	6/12 NW	5/10 NW
Valley	3/7 NW	4/9 NW	4/9 NW	5/10 NW	6/13 NW	8/16 NW	9/17 NW	5/10 NW	3/7 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/9	10/9	10/8	11/9	12/10	13/12	13/11	10/9	9/7
300	13/12	12/11	12/11	13/12	14/13	16/15	16/14	13/12	11/10
Valley	14/13	12/12	12/12	14/13	16/15	17/16	16/14	13/12	12/11
Freezing Level*	3000m	3000m	3000m	3000m	2700m	2500m	2300m	2100m	2100m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Feeling quite a bit cooler on Thursday than previous days, especially across summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at
14:00 on Wed 16 Jun 2021

Last 24 hours:
N/A

Last 48 hours:
N/A

Last 72 hours:
N/A

Forecast for Friday 18 Jun 2021

Weather: A fine day is expected with some bright or sunny spells, but rather a lot of cloud is likely, this mostly remaining above the summits. Feeling rather warm in valleys early afternoon. During the afternoon and evening thickening cloud could bring some rain or showers, perhaps thundery, across from the south and east, but confidence is low for detail.

Maximum wind: NE 25-30mph.

Chance of cloud free mountain/hill tops above 600m: 70 to 100% with cloud bases likely to remain above the summits throughout the day.

Visibility: Good or very good becoming moderate in any rain or showers during the afternoon and evening.

Temperature: **Valleys:** Plus 12 degrees Celsius becoming Plus 21 degrees Celsius.

At 600m: Plus 8 degrees Celsius becoming Plus 12 degrees Celsius.

Freezing level: Well above the summits.